MAR 1952

CLASSIFICATION CONFIDENTIAL
SECURITY INFORMATION
CENTRAL INTELLIGENCE AGENCY

INFORMATION FROM
FOREIGN DOCUMENTS OR RADIO BROADCASTS

COUNTRY	USSR	DATE OF INFORMATION	1953
SUBJECT	Economic; Technological - Agricultural machine building industry		
HOW PUBLISHED	Daily newspapers	DATE DIST.	4 Aug 1953
WHERE PUBLISHED	USSR	NO. OF PAGES	3
DATE PUBLISHED	8 Feb - 7 May 1953		
LANGUAGE	Russian	SUPPLEMENT TO REPORT NO.	

[redacted]

THIS IS UNEVALUATED INFORMATION

SOURCE Newspapers as indicated.

USSR AGRICULTURAL MACHINERY OUTPUT

SET 1953 GOALS -- Moscow, Vechernyaya Moskva, 8 Apr 53

Enterprises of the Ministry of Machine Building USSR in Moscow and Moskovskaya Oblast have assumed the following obligations for 1953:

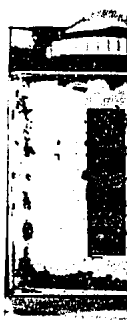
Agricultural machine building enterprises: To fulfill the 1953 plan by 21 December; to exceed by 1.3 percent the plan for raising labor productivity; to reduce production costs 0.2 percent beyond the plan; and to save 370 tons of metal, 710 tons of ideal fuel, and 1,550,000 kilowatt-hours of electric power. Lyubertsy Plant imeni Ukhtomskiy: To fulfill the 1953 plan by 21 December; to exceed by 1.5 percent the plan for raising labor productivity; to reduce production costs 0.5 percent beyond the plan; to save 800,000 kilowatt-hours of electric power and 400 tons of ideal fuel; to reduce metal consumption of a flax combine 1.5 percent, and of a hemp reaper 6.5 percent beyond the norm; to save 500,000 rubles above the plan by cutting production costs; and to save at least 2 million rubles by adopting innovations.

NEW MACHINES FOR KAZAKHSTAN STOCK RAISERS -- Alma-Ata, Kazakhstanskaya Pravda, 8 Feb 53

D. I. Solov'yev, deputy chief of the Technical Division, Ministry of Agricultural Machine Building USSR, states that the ministry will begin the series production of a number of new machines used in animal husbandry. Among the machines Kazakhstan stock raisers will receive in 1953 are: the K-6 B three-bar trailer mower, crane and tractor hay stackers, 1.2-meter forage harvesters with a capacity of 6 - 10 tons of ensilage an hour, and mobile well diggers.

CLASSIFICATION CONFIDENTIAL

STATE	NSRB	DISTRIBUTION
ARMY	FBI	



In 1953, machine experimental stations will test a new seven-bar mower for the DT-54 tractor, 6-meter tractor side-delivery rakes, two-horse cross rakes, and a right-angle single-bar mower for mounting on the KhTZ-7 tractor. Designers are also working on a 14-meter mower for work in arid regions, an ensilage unloader, and a pickup-stacker.

PRODUCE MISCELLANEOUS EQUIPMENT -- Kiev, Pravda Ukrainy, 20 Mar 53

The Gomel' Gomsel'mash Plant has designed a mobile milking unit which is now undergoing tests.

The KShK-25 well digger, designed by the All-Union Scientific Research Institute of Agricultural Machine Building, is now being mass produced. The machine digs a well 10 meters deep and lines it with cement pipe in 8 hours.

The Rostov Machinery Plant has built an electric shearing unit which is now being tested.

BUILD FORAGE HARVESTER -- Minsk, Sovetskaya Belorussiya, 26 Mar 53

Designers of the All-Union Institute of Agricultural Machine Building and the Gomsel'mash Plant have built the first USSR forage harvester. The machine mows the crop and immediately chops it up into ensilage, which is fed into a bunker of the combine. The machine can harvest up to 5 hectares and process more than 100 tons of forage in a day.

The Technical Counsel Section, Ministry of Agriculture USSR, has recommended the forage harvester for series production, and the Gomsel'mash Plant will produce the machine in 1953.

Vil'nyus, Sovetskaya Litva, 5 Apr 53

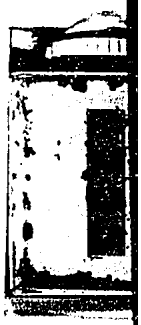
Designers of the Gomsel'mash Plant have built an experimental model of the NN-0.3 tractor-mounted loader for the U-2 tractor.

Minsk, Sovetskaya Belorussiya, 25 Apr 53

The Gomsel'mash Plant has just turned out the first group of sweep rakes, a new product for the plant. The plant is rushing to begin the series output of the STU-07 hay stacker.

DEVELOP NEW HAY STACKER -- Frunze, Sovetskaya Kirgiziya, 29 Apr 53

The Frunze Agricultural Machine Building Plant imeni Frunze has built the first model of the STU-0.7 universal hay stacker. This machine is made for use with the Universal-2, SKhTZ, or Belarus' tractors, and can lift up to 700 kilograms of hay 7-7.5 meters high. In comparison with hand stacking, the machine speeds up the operation five to eight times. The plant is now preparing to series produce the hay stacker.



FAIL TO MEET PLAN -- Moscow, Pravda, 27 Mar 53

The Rostov-on-Don Rostsel'mash Plant and the Rubtsovsk Altaysel'mash Plant are not meeting production schedules for tractor plow moldboards.

Moscow, Pravda, 6 May 53

The Rostsel'mash Plant failed to fulfill its production plan for the first quarter 1953. The percentage of rejects has increased as compared to 1952 and production costs have not been lowered.

SHIPS AGRICULTURAL MACHINES -- Moscow, Pravda, 5 May 53

In the first few days of May, the Rostsel'mash Plant shipped hundreds of combines to the Ukraine, to Stavropol', and to rayons of Rostovskaya Oblast. Corn-harvesting combines have been shipped to Stavropol' and Krasnodar. The plant recently completed shipments of self-propelled mowers to Kazakhstan.

PRODUCE POTATO PLANTER -- Moscow, Moskovskaya Pravda, 7 Apr 53

The Ryazan' Agricultural Machine Building (Ryazsel'mash) Plant is producing SKG-4 four-row potato planters for checkrow planting.

BUILD HARROWS -- Ashkhabad, Turkmenskaya Iskra, 28 Apr 53

The Ashkhabad Krasnyy Metallist Plant plans to make 20 percent more three-section harrows in 1953 than it did in 1952. -- V. Saganov, chief engineer, Krasnyy Metallist Plant

BUILD VS-2 WINNOWERS -- Riga, Sovetskaya Latviya, 7 May 53

The Riga Imanta Plant has started the serial production of VS-2 winnowers, which have a capacity of 5 tons of seeds per hour

NEW DESIGNS SAVE METAL -- Moscow, Pravda, 14 Apr 53

Agricultural machine designers have developed plans for new agricultural machines that are considerably lighter than former models, owing to the use of hollow rectangular sections of rolled steel instead of I-beams. Designers have reduced the weight of a two-bottom plow by 21.5 kilograms; of a four-bottom plow by 98 kilograms; and of a reversible plow by 165 kilograms, by using hollow rectangular stock. Mass production of these machines now depends on the ability of ferrous metallurgy enterprises to supply agricultural machine building plants with hollow rectangular stock.

- E N D -

MAR 1952

CLASSIFICATION CONFIDENTIAL
SECURITY INFORMATION
CENTRAL INTELLIGENCE AGENCY
INFORMATION FROM
FOREIGN DOCUMENTS OR RADIO BROADCASTS

REPORT

CD NO.

50X1-HUM

COUNTRY	USSR	DATE OF INFORMATION	1953
SUBJECT	Economic; Technological - Agricultural machine building industry		
HOW PUBLISHED	Daily newspapers	DATE DIST.	4 Aug 1953
WHERE PUBLISHED	USSR	NO. OF PAGES	2
DATE PUBLISHED	23 Apr - 12 May 1953		
LANGUAGE	Russian	SUPPLEMENT TO REPORT NO.	

THIS IS UNEVALUATED INFORMATION

SOURCE Newspapers as indicated

COTTON-GROWING MACHINERY

INCREASE OUTPUT OF TRACTOR, AGRICULTURAL MACHINE SPARE PARTS -- Ashkhabad, Turkmenskaya Iskra, 23 Apr 53

Seven years ago, when the Ashkhabad Machinery Plant imeni 20-letiye Turkmen SSR first started producing agricultural equipment, its year plan amounted to only 400,000 rubles. At that time, the plant manufactured only the simplest kinds of spare parts for tractors and agricultural machines. In 1951, the production plan was [illegible] times greater than that of 1946, and the plant was turning out a greater variety of products.

In 1952, the plant organized the series production of vacuum valves for cotton gins, and shares for tractor plows. At the same time, the plant continued to produce a number of other spare parts and also its basic product, heavy oil engines. The 1951 output of heavy oil engines was double that of 1950, and in 1952, the output rose by another [illegible] percent.

The blueprints for the valve, supplied by a scientific research institute, were too theoretic, and were of no help in mastering the technological problems involved in the output of the new product. All of these problems, right up to the task of testing the vacuum valve, were solved by plant personnel, including Yurasov, chief of the Technical Division; Begliyarov, chief designer; and Meshkin, leading designer.

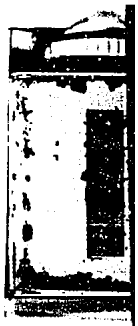
The biggest problem in the production of the plowshares was heat treating. The vats for brine-quenching the shares rarely lasted 48 hours, so that it cost the plant 1,500 rubles daily to replace burnt-out vats. Changes made in heating techniques lengthened the life of vats by 25-30 percent, and electric welders have successfully rehabilitated worn-out vats.

Next, the plant used electric vats, and the output of shares was raised $1\frac{1}{2}$ times for a total of 2,000-2,500 plowshares daily. In a 40-day period, more than 200 tons of steel shares were processed, and 35,600 high quality shares were turned out on schedule.

CLASSIFICATION CONFIDENTIAL

STATE	X	NAVY	X	NSRB	DISTRIBUTION
ARMY	X	AIR	X	FBI	

Sanitized Copy Approved for Release 2011/09/14 : CIA-RDP80-00809A000700120393-1



In March 1953, the plant started making drive chains for cotton cultivating machines. Turkmen SSR MTS have received 800 such chains from the plant.

The plant has started reconditioning tractor heads, and has already delivered 40 reconditioned heads. Preparations are being made for the series production of fertilizer granulators and pulley equipment for the Universal tractor. The plant produces brake drum parts for the Universal tractor. Construction of a new, two-story foundry is nearing completion and equipment is already being installed. The new foundry has 2½ times the usable floor space of the old shop. -- G. Shpilevskiy, chief engineer of the Ashkhabad Machinery Plant imeni 20-letiya Turkmen SSR

BUILD IRRIGATION PIPES FOR COTTON -- Ashkhabad, Turkmenskaya Iskra, 28 Apr 53

The Ashkhabad Krasnyy Molot Plant has an order for 100,000 pipes for the irrigation of cotton fields. Plant workers have promised to complete the order by 1 May. -- S. Rozenblat, director, Krasnyy Molot Plant

SERIES-PRODUCE IMPROVED COTTON PICKER -- Tashkent, Pravda Vostoka, 1 May 53

The Tashkent Tashsel'mash Plant imeni K. Ye. Voroshilov recently started series production of the improved SKhM-48-M cotton picker.

DESIGN COTTON PRUNER -- Ashkhabad, Turkmenskaya Iskra, 12 May 53

The State Design Bureau for Mechanizing Cotton Growing has completed assembly of the FKh-4 machine for pruning cotton plants. This four-row machine is tractor-drawn and prunes 10 hectares of cotton plants a day. By adjusting a series of levers, the machine can be set to prune the plants to the desired height and width.

PRODUCE CHECKROW PLANTERS -- Moscow, Trud, 24 Apr 53

The Tashkent Uzbeksel'mash Plant has turned out the first consignment of new tractor checkrow planters.

The Tashkent Chirchiksel'mash Plant is organizing the production of cultivator-fertilizers.

- E N D -